

## Main

NAME	LABEL	FORM # or Definitions	ITEM #
<b>DEMOGRAPHICS</b>			
NEWID	PUBLIC ACCESS ID		
GENDER	CHILD SEX	Form 29	13
INCOME	TOTAL INCOME	Form 07 (categories 1 & 2 combined)	14
RACE	RACIAL/ETHNIC GROUP	Form 01	3A
TIME_ON_STUDY	YEARS FROM FIRST VISIT	Calculated, Date of current visit minus date of baseline visit	
TX	ASSIGNMENT	1=intervention, 2= usual care	
VISITAGE	AGE AT VISIT	Calculated, Age at current visit minus date of birth	
VISNUM	VISIT (IN MONTHS)	see introduction.doc	
<b>ANTHROPOMETRY, ETC.</b>			
ARDIAL	AREOLAR DIAMETER, LEFT (mm)	Form 29	15C
ARDIAR	AREOLAR DIAMETER, RIGHT (mm)	Form 29	15D
ARM	UPPER ARM CIRCUMFERENCE (cm)	Form 04, (0.5 cm*)	6
BEATS	PULSE READING (BEATS / 30 SECONDS)	Form 5	8
BEATS60	PULSE/MINUTE (BEATS / MINUTE)	2xbeats from Form 05 Rev 2	8
BMI	BODY MASS INDEX (kg/m**2)	Weight in kg/(height in meters) <sup>2</sup>	
BRST	TANNER STAGE (FEMALE GENITALIA)	Form 29	15B
D4AVE	DIASTOLIC 4 BLOOD PRESSURE (mmHg)	Form 05	14H2
D5AVE	DIASTOLIC 5 BLOOD PRESSURE (mmHg)	Form 05	14H3
DT60	DT-60 TOTAL CHOLESTEROL (mg/dl)	Form 11	6
FPUB	TANNER STAGE (FEMALE PUBIC HAIR)	Form 29	15A
GENIT	TANNER STAGE (MALE GENITALIA)	Form 29	14B
HEIGHT_FLAG	INDICATES HEIGHT IS WINSORIZED		
HIP	HIP CIRCUMFRENCE (cm)	Form 04, (1.0 cm*)	11
HTCM	HEIGHT (cm)	Form 04, (0.5 cm*)	4
ILIAC	SUPRAILIAC SKINFOLD THICKNESS (mm)	Form 04, (1 mm*)	9
MPUB	TANNER STAGE (MALE PUBIC HAIR)	Form 29	14A
MXBLW	MAXIMUM BELOW WAIST CIRCUMFERENCE (cm)	Form 04, (1.0 cm*)	12
SAVE	SYSTOLIC BLOOD PRESSURE (mmHg)	Form 05	14H1
SCAP	SUBSCAPULAR SKINFOLD THICKNESS (mm)	Form 04, (1 mm*)	8
TANNER	TANNER STAGE	Maximum of (FPUB and BRST) or (MPUB and GENIT)	
TRI	TRICEPS SKINFOLD THICKNESS (mm)	Form 04, (1 mm*)	7
TVOLL	TESTICULR VOLUME LEFT (cc <sup>3</sup> )	Form 29	14C
TVOLR	TESTICULR VOLUME RIGHT (cc <sup>3</sup> )	Form 29	14D
WAIST	WAIST CIRCUMFERENCE (cm)	Form 04, (0.5 cm*)	10
WEIGHT_FLAG	INDICATES WEIGHT IS WINSORIZED		
WTKG	WEIGHT (kg)	Form 04, (0.2 kg*)	5
		*Average of 1st 2 measurements unless difference greater than noted.	
<b>LAB VALUES</b>			
ALB	ALBUMIN (g/dl)		
ALPHOS	ALK PHOSPHATASE (IU)		
ALT	SGPT (IU)		
APOA	APOA (mg/dl)		
APOB	APOB (mg/dl)		

NAME	LABEL	FORM # or Definitions	ITEM #
AST	SGOT (IU)		
ASTALT	SGOT/SGPT (ratio)		
CA	CALCIUM (mg/dl)		
CREAT	CREATININE (mg/dl)		
D_BILI	DIRECT BILIRUBIN (mg/dl)		
GLU	GLUCOSE (mg/dl)		
HCT	HEMATOCRIT (%)		
HDL	HDL (mg/dl)		
HGB	HEMOGLOBIN (gm/dl)		
LDL	LDL (mg/dl)		
PO4	PHOSPHATE (mg/dl)		
SUN	SERUM UREA NITROGEN (mg/dl))		
SUN_CR	SUN/CREATININE (ratio)		
T_BILI	TOTAL BILIRUBIN (mg/dl)		
TC	TOTAL CHOLESTEROL (mg/dl)		
TG	TRIGLYCERIDES (mg/dl)		
TP	TOTAL PROTEIN (g/dl)		
URICACID	URIC ACID (mg/dl)		
<b>PSYCHOSOCIAL VARIABLES</b>			
ACTIVIT1	T SCORE ACTIVITY COMPETENCE(CBCL-MOM)	Calculated from Child Behavior Check List	
ACTIVIT2	T SCORE ACTIVITY COMPETENCE(CBCL-DAD)	Calculated from Child Behavior Check List	
ACTTOT1	ACTIVITY RAW SCORE-(CBCL-MOM)	Calculated from Child Behavior Check List	
ACTTOT2	ACTIVITY RAW SCORE-(CBCL-DAD)	Calculated from Child Behavior Check List	
AGGTOT1	AGGRESSIVE RAW SCORE-(CBCL-MOM)	Calculated from Child Behavior Check List	
AGGTOT2	AGGRESSIVE RAW SCORE-(CHCL-DAD)	Calculated from Child Behavior Check List	
AGRESIV1	T SCORE AGGRESSIVE(CBCL-MOM)	Calculated from Child Behavior Check List	
AGRESIV2	T SCORE AGGRESSIVE(CBCL-DAD)	Calculated from Child Behavior Check List	
AM_FUNC	AGE CLUSTER: MATH FUNCTIONAL LEVEL	From Woodcock-Johnson Standardized Tests	
AM_MO	AGE CLUSTER: MATH AGE(MONTHS)	From Woodcock-Johnson Standardized Tests	
AM_PR	AGE CLUSTER: MATH AGE PERCENTILE RANK	From Woodcock-Johnson Standardized Tests	
AM_STAN	AGE CLUSTER: MATH STANDARD SCORE	From Woodcock-Johnson Standardized Tests	
ANXOBSV1	T SCORE ANXIOUS-OBSESSIVE(CBCL-MOM)	Calculated from Child Behavior Check List	
ANXOBSV2	T SCORE ANXIOUS-OBSESSIVE(CBCL-DAD)	Calculated from Child Behavior Check List	
AOTOT1	ANXIOUS-OBSESSIVE RAW SCORE (CBCL-MOM)	Calculated from Child Behavior Check List	
AOTOT2	ANXIOUS-OBSESSIVE RAW SCORE (CBCL-DAD)	Calculated from Child Behavior Check List	
AR_FUNC	AGE CLUSTER: READING FUNCTIONAL LEVEL	From Woodcock-Johnson Standardized Tests	
AR_MO	AGE CLUSTER: READING AGE (MONTHS)	From Woodcock-Johnson Standardized Tests	
AR_PR	AGE CLUSTER: READING AGE PERCENTILE RANK	From Woodcock-Johnson Standardized Tests	
AR_STAN	AGE CLUSTER: READING STANDARD SCORE	From Woodcock-Johnson Standardized Tests	
CRUEL1	T SCORE CRUEL(CBCL-MOM)	Calculated from Child Behavior Check List	
CRUEL2	T SCORE CRUEL(CBCL-DAD)	Calculated from Child Behavior Check List	
CRUTOT1	CRUEL RAW SCORE (CBCL-MOM)	Calculated from Child Behavior Check List	
CRUTOT2	CRUEL RAW SCORE (CBCL-DAD)	Calculated from Child Behavior Check List	
DELINQ1	T SCORE DELINQUENT(CBCL-MOM)	Calculated from Child Behavior Check List	

## Main

NAME	LABEL	FORM # or Definitions	ITEM #
DELINQ2	T SCORE DELINQUENT(CBCL-DAD)	Calculated from Child Behavior Check List	
DELTOT1	DELINQUENT RAW SCORE(CBCL-MOM)	Calculated from Child Behavior Check List	
DELTOT2	DELINQUENT RAW SCORE(CBCL-DAD)	Calculated from Child Behavior Check List	
DEPRESS1	T SCORE DEPRESSED(CBCL-MOM)	Calculated from Child Behavior Check List	
DEPRESS2	T SCORE DEPRESSED(CBCL-DAD)	Calculated from Child Behavior Check List	
DEPTOT1	DEPRESSED RAW SCORE(CBCL-MOM)	Calculated from Child Behavior Check List	
DEPTOT2	DEPRESSED RAW SCORE(CBCL-DAD)	Calculated from Child Behavior Check List	
EXTERNA1	T SCORE EXTERNALIZING(CBCL-MOM)	Calculated from Child Behavior Check List	
EXTERNA2	T SCORE EXTERNALIZING(CBCL-DAD)	Calculated from Child Behavior Check List	
GM_FUNC	GRADE CLUSTER: MATH FUNCTIONAL LEVEL	From Woodcock-Johnson Standardized Tests	
GM_PR	GRADE CLUSTER: MATH GRADE PERCENTILE RANK	From Woodcock-Johnson Standardized Tests	
GM_SC	GRADE CLUSTER: MATH GRADE SCORE	From Woodcock-Johnson Standardized Tests	
GM_STAN	GRADE CLUSTER: MATH STANDARD SCORE	From Woodcock-Johnson Standardized Tests	
GR_FUNC	GRADE CLUSTER: READING FUNCTIONAL LEVEL	From Woodcock-Johnson Standardized Tests	
GR_PR	GRADE CLUSTER: READING GRADE PERCENTILE RANK	From Woodcock-Johnson Standardized Tests	
GR_SC	GRADE CLUSTER: READING GRADE SCORE	From Woodcock-Johnson Standardized Tests	
GR_STAN	GRADE CLUSTER: READING STANDARD SCORE	From Woodcock-Johnson Standardized Tests	
HYRACT1	T SCORE HYPERACTIVE(CBCL-MOM)	Calculated from Child Behavior Check List	
HYRACT2	T SCORE HYPERACTIVE(CBCL-DAD)	Calculated from Child Behavior Check List	
HYTOT1	HYPERACTIVE RAW SCORE(CBCL-MOM)	Calculated from Child Behavior Check List	
HYTOT2	HYPERACTIVE RAW SCORE(CBCL-DAD)	Calculated from Child Behavior Check List	
IHTOT1	IMMATURE-HYPERACTIVE RAW SCORE(CBCL-MOM)	Calculated from Child Behavior Check List	
IHTOT2	IMMATURE-HYPERACTIVE RAW SCORE(CBCL-DAD)	Calculated from Child Behavior Check List	
IMMATUR1	T SCORE IMMATURE(CBCL-MOM)	Calculated from Child Behavior Check List	
IMMATUR2	T SCORE IMMATURE(CBCL-DAD)	Calculated from Child Behavior Check List	
IMMHYPE1	T SCORE IMMATURE-HYPERACTIVE(CBCL-MOM)	Calculated from Child Behavior Check List	
IMMHYPE2	T SCORE IMMATURE-HYPERACTIVE(CBCL-DAD)	Calculated from Child Behavior Check List	
IMMTOT1	IMMATURE RAW SCORE(CBCL-MOM)	Calculated from Child Behavior Check List	
IMMTOT2	IMMATURE RAW SCORE(CBCL-DAD)	Calculated from Child Behavior Check List	
INTERNA1	T SCORE INTERNALIZING(CBCL-MOM)	Calculated from Child Behavior Check List	
INTERNA2	T SCORE INTERNALIZING(CBCL-DAD)	Calculated from Child Behavior Check List	
KOVAC	DEPRESSION SCORE(CDI)	Calculated from CDI	
OBSESIV1	T SCORE OBSESSIVE-COMPULSIVE(CBCL-MOM)	Calculated from Child Behavior Check List	
OBSESIV2	T SCORE OBSESSIVE-COMPULSIVE(CBCL-DAD)	Calculated from Child Behavior Check List	
OCTOT1	OBSESSIVE-COMPULSIVE RAW SCORE(CBCL-MOM)	Calculated from Child Behavior Check List	
OCTOT2	OBSESSIVE-COMPULSIVE RAW SCORE(CBCL-DAD)	Calculated from Child Behavior Check List	
SCHIZO1	T SCORE SCHIZOID(CBCL-MOM)	Calculated from Child Behavior Check List	
SCHIZO2	T SCORE SCHIZOID(CBCL-DAD)	Calculated from Child Behavior Check List	
SCHOOLT1	T SCORE SCHOOL COMPETENCE(CBCL-MOM)	Calculated from Child Behavior Check List	
SCHOOLT2	T SCORE SCHOOL COMPETENCE(CBCL-DAD)	Calculated from Child Behavior Check List	
SCHTOT1	SCHOOL RAW SCORE(CBCL-MOM)	Calculated from Child Behavior Check List	
SCHTOT2	SCHOOL RAW SCORE(CBCL-DAD)	Calculated from Child Behavior Check List	
SCTOT1	SOMATIC COMPLAINTS RAW SCORE(CBCL-MOM)	Calculated from Child Behavior Check List	
SCTOT2	SOMATIC COMPLAINTS RAW SCORE(CBCL-DAD)	Calculated from Child Behavior Check List	

## Main

NAME	LABEL	FORM # or Definitions	ITEM #
SEXPROB1	T SCORE SEX PROBLEMS(CBCL-MOM)	Calculated from Child Behavior Check List	
SEXPROB2	T SCORE SEX PROBLEMS(CBCL-DAD)	Calculated from Child Behavior Check List	
SOCIAL1	T SCORE SOCIAL COMPETENCE(CBCL-MOM)	Calculated from Child Behavior Check List	
SOCIAL2	T SCORE SOCIAL COMPETENCE(CBCL-DAD)	Calculated from Child Behavior Check List	
SOCTOT1	SOCIAL RAW SCORE(CBCL-MOM)	Calculated from Child Behavior Check List	
SOCTOT2	SOCIAL RAW SCORE(CBCL-DAD)	Calculated from Child Behavior Check List	
SOMATIC1	T SCORE SOMATIC COMPLAINTS(CBCL-MOM)	Calculated from Child Behavior Check List	
SOMATIC2	T SCORE SOMATIC COMPLAINTS(CBCL-DAD)	Calculated from Child Behavior Check List	
SSAOD	ACHIEVEMENT(FES-DAD)	Calculated from Family Environment Skill	
SSAOM	ACHIEVEMENT(FES-MOM)	Calculated from Family Environment Skill	
SSAROD	ACTIVE/RECREATION(FES-DAD)	Calculated from Family Environment Skill	
SSAROM	ACTIVE/RECREATION(FES-MOM)	Calculated from Family Environment Skill	
SSCD	COHESION(FES-DAD)	Calculated from Family Environment Skill	
SSCM	COHESION(FES-MOM)	Calculated from Family Environment Skill	
SSCOND	CONFLICT(FES-DAD)	Calculated from Family Environment Skill	
SSCONM	CONFLICT(FES-MOM)	Calculated from Family Environment Skill	
SSCTLD	CONTROL(FES-DAD)	Calculated from Family Environment Skill	
SSCTLM	CONTROL(FES-MOM)	Calculated from Family Environment Skill	
SSEXD	EXPRESSIVENESS(FES-DAD)	Calculated from Family Environment Skill	
SSEXM	EXPRESSIVENESS(FES-MOM)	Calculated from Family Environment Skill	
SSICOD	INTELLECT/CULTURE(FES-DAD)	Calculated from Family Environment Skill	
SSICOM	INTELLECT/CULTURE(FES-MOM)	Calculated from Family Environment Skill	
SSINDD	INDEPENDENCE(FES-DAD)	Calculated from Family Environment Skill	
SSINDM	INDEPENDENCE(FES-MOM)	Calculated from Family Environment Skill	
SSMRED	MORAL/RELIGION(FES-DAD)	Calculated from Family Environment Skill	
SSMREM	MORAL/RELIGION(FES-MOM)	Calculated from Family Environment Skill	
SSORGD	ORGANIZATION(FES-DAD)	Calculated from Family Environment Skill	
SSORGM	ORGANIZATION(FES-MOM)	Calculated from Family Environment Skill	
STAI C	TRAIT ANXIETY SCORE	From Spielberger Trait Anxiety Inventory	
SWTOT1	SOCIAL WITHDRAWAL RAW SCORE(CBCL-MOM)	Calculated from Child Behavior Check List	
SWTOT2	SOCIAL WITHDRAWAL RAW SCORE(CBCL-DAD)	Calculated from Child Behavior Check List	
SXPTOT1	SEX PROBLEMS RAW SCORE(CBCL-MOM)	Calculated from Child Behavior Check List	
SXPTOT2	SEX PROBLEMS RAW SCORE(CBCL-DAD)	Calculated from Child Behavior Check List	
SZDTOT1	SCHIZOID RAW SCORE(CBCL-MOM)	Calculated from Child Behavior Check List	
SZDTOT2	SCHIZOID RAW SCORE(CBCL-DAD)	Calculated from Child Behavior Check List	
TOTAL1	TOTAL SOCIAL COMPETENCE T SCORE(CBCL-MOM)	Calculated from Child Behavior Check List	
TOTAL2	TOTAL SOCIAL COMPETENCE T SCORE(CBCL-DAD)	Calculated from Child Behavior Check List	
TOTALBP1	TOTAL BEHAVIOR PROBLEMS T SCORE(CBCL-MOM)	Calculated from Child Behavior Check List	
TOTALBP2	TOTAL BEHAVIOR PROBLEMS T SCORE(CBCL-DAD)	Calculated from Child Behavior Check List	
TOTTOT1	TOTAL RAW SCORE(CBCL-MOM)	Calculated from Child Behavior Check List	
TOTTOT2	TOTAL RAW SCORE(CBCL-DAD)	Calculated from Child Behavior Check List	
UNCOMUN1	T SCORE UNCOMMUNICATIVE(CBCL-MOM)	Calculated from Child Behavior Check List	
UNCOMUN2	T SCORE UNCOMMUNICATIVE(CBCL-DAD)	Calculated from Child Behavior Check List	
UNCTOT1	UNCOMMUNICATIVE RAW SCORE(CBCL-MOM)	Calculated from Child Behavior Check List	

## Main

NAME	LABEL	FORM # or Definitions	ITEM #
UNCTOT2	UNCOMMUNICATIVE RAW SCORE(CBCL-DAD)	Calculated from Child Behavior Check List	
WITHDRA1	T SCORE SOCIAL WITHDRAW(CBCL-MOM)	Calculated from Child Behavior Check List	
WITHDRA2	T SCORE SOCIAL WITHDRAW(CBCL-DAD)	Calculated from Child Behavior Check List	
<b>FOOD RECALLS</b>			
NRECS	NUMBER OF FOOD RECALLS	Calculated	
AVE1	AVERAGE OF TOTAL CALORIES	Mean Total Calories over food records	
AVE2	AVERAGE PERCENT CALORIES FROM PROTEIN	$100 \times (\text{Mean Protein (in gm)} \times 4) / \text{Mean Total Calories}$	
AVE3	AVERAGE PERCENT CALORIES FROM FATS	$100 \times (\text{Mean Total Fat (in gm)} \times 9) / \text{Mean Total Calories}$	
AVE4	AVERAGE PERCENT CALORIES FROM CARBOHYDRATES	$100 \times (\text{Mean Total Carbohydrates(in gm)} \times 4) / \text{Mean Total Calories}$	
AVE5	AVERAGE ALCOHOL (gm)	Mean Alcohol (gm) over food records	
AVE6	AVERAGE CHOLESTEROL PER 1000 CALORIES	Mean Cholesterol / (Total Calories / 1000)	
AVE7	AVERAGE PERCENT CALORIES FROM SATURATED FATS	$100 \times (\text{Mean Saturated Fat (in gm)} \times 9) / \text{Mean Total Calories}$	
AVE8	AVERAGE PERCENT CALORIES FROM MONO FATS	$100 \times (\text{Mean Monounsaturated Fat (in gm)} \times 9) / \text{Mean Total Calories}$	
AVE9	AVERAGE PERCENT CALORIES FROM POLY FATS	$100 \times (\text{Mean Polyunsaturated Fat (in gm)} \times 9) / \text{Mean Total Calories}$	
AVE10	AVERAGE OLEIC ACID (gm)	Mean Oleic Acid (gm) over food records	
AVE11	AVERAGE LINOLEIC ACID (gm)	Mean Linoleic Acid (gm) over food records	
AVE12	AVERAGE LINOLENIC ACID (gm)	Mean Linolenic Acid (gm) over food records	
AVE13	AVERAGE SUCROSE (gm)	Mean Sucrose (gm) over food records	
AVE14	AVERAGE STARCH (gm)	Mean Starch (gm) over food records	
AVE15	AVERAGE DIETARY FIBER (gm)	Mean Dietary Fiber (gm) over food records	
AVE16	AVERAGE WATER SOL DIETARY FIBER (gm)	Mean Water Sol Dietary Fiber (gm) over food records	
AVE17	AVERAGE WATER INSOL DIETARY FIBER (gm)	Mean Water Insol Dietary Fiber (gm) over food records	
AVE18	AVERAGE PECTINS (gm)	Mean Pectins (gm) over food records	
AVE19	AVERAGE CAFFEINE (mg)	Mean Caffeine (mg) over food records	
AVE20	AVERAGE VITAMIN A (IU)	Mean Vitamin A (IU) over food records	
AVE21	AVERAGE BETA-CAROTENE (mcg)	Mean Beta-Carotene (mcg) over food records	
AVE22	AVERAGE RETINOL (mcg)	Mean Retinol (mcg) over food records	
AVE23	AVERAGE TOTAL ALPHA-TOC EQUIV. (mg)	Mean Total Alpha-Toc Equiv. (mg) over food records	
AVE24	AVERAGE VITAMIN D (mcg)	Mean Vitamin D (mcg) over food records	
AVE25	AVERAGE VITAMIN (mg)	Mean Vitamin C (mg) over food records	
AVE26	AVERAGE THIAMIN (mg)	Mean Thiamin (mg) over food records	
AVE27	AVERAGE RIBOFLAVIN (mg)	Mean Riboflavin (mg) over food records	
AVE28	AVERAGE NIACIN (mg)	Mean Niacin (mg) over food records	
AVE29	AVERAGE FOLIC ACID (mcg)	Mean Folic Acid (mcg) over food records	
AVE30	AVERAGE VITAMIN B6 (mg)	Mean Vitamin B6 (mg) over food records	
AVE31	AVERAGE VITAMIN B12 (mcg)	Mean Vitamin B12 (mcg) over food records	
AVE32	AVERAGE PANNO-SUPHENIC ACID (mg)	Mean Panno-suphenic Acid (mg) over food records	
AVE33	AVERAGE CALCIUM (mg)	Mean Calcium (mg) over food records	
AVE34	AVERAGE IRON (mg)	Mean Iron (mg) over food records	
AVE35	AVERAGE MAGNESIUM (mg)	Mean Magnesium (mg) over food records	
AVE36	AVERAGE PHOSPHOROUS (mg)	Mean Phosphorous (mg) over food records	
AVE37	AVERAGE TOTAL SODIUM (mg)	Mean Total Sodium (mg) over food records	
AVE38	AVERAGE TOTAL POTASSIUM (mg)	Mean Total Potassium (mg) over food records	
AVE39	AVERAGE COPPER (mg)	Mean Copper (mg) over food records	

## Main

NAME	LABEL	FORM # or Definitions	ITEM #
AVE40	AVERAGE ZINC (mg)	Mean Zinc (mg) over food records	
AVE41	AVERAGE SELENIUM (mcg)	Mean Selenium (mcg) over food records	
AVE42	AVERAGE ALPHA-TOCOPHEROL (mg)	Mean Alpha-Tocopherol (mg) over food records	
AVE43	AVERAGE BETA-TOCOPHEROL (mg)	Mean Beta-Tocopherol (mg) over food records	
AVE44	AVERAGE GAMMA-TOCOPHEROL (mg)	Mean Gamma-Tocopherol (mg) over food records	
AVE45	AVERAGE DELTA-TOCOPHEROL (mg)	Mean Delta-Tocopherol (mg) over food records	
AVE46	AVERAGE PFA 18:4 (gm)	Mean PFA 18:4 (gm) over food records	
AVE47	AVERAGE PFA 20:4 (gm)	Mean PFA 20:4 (gm) over food records	
AVE48	AVERAGE PFA 20:5 (gm)	Mean PFA 20:5 (gm) over food records	
AVE49	AVERAGE PFA 22:5 (gm)	Mean PFA 22:5 (gm) over food records	
AVE50	AVERAGE PFA 22:6 (gm)	Mean PFA 22:6 (gm) over food records	
AVE51	AVERAGE MFA 14:1 (gm)	Mean MFA 14:1 (gm) over food records	
AVE52	AVERAGE MFA 16:1 (gm)	Mean MFA 16:1 (gm) over food records	
AVE53	AVERAGE MFA 20:1 (gm)	Mean MFA 20:1 (gm) over food records	
AVE54	AVERAGE MFA 22:1 (gm)	Mean MFA 22:1 (gm) over food records	
AVE55	AVERAGE SFA 4:0 (gm)	Mean SFA 4:0 (gm) over food records	
AVE56	AVERAGE SFA 6:0 (gm)	Mean SFA 6:0 (gm) over food records	
AVE57	AVERAGE SFA 8:0 (gm)	Mean SFA 8:0 (gm) over food records	
AVE58	AVERAGE SFA 10:0 (gm)	Mean SFA 10:0 (gm) over food records	
AVE59	AVERAGE SFA 12:0 (gm)	Mean SFA 12:0 (gm) over food records	
AVE60	AVERAGE SFA 14:0 (gm)	Mean SFA 14:0 (gm) over food records	
AVE61	AVERAGE SFA 16:0 (gm)	Mean SFA 16:0 (gm) over food records	
AVE62	AVERAGE SFA 17:0 (gm)	Mean SFA 17:0 (gm) over food records	
AVE63	AVERAGE SFA 18:0 (gm)	Mean SFA 18:0 (gm) over food records	
AVE64	AVERAGE SFA 20:0 (gm)	Mean SFA 20:0 (gm) over food records	
AVE65	AVERAGE SFA 22:0 (gm)	Mean SFA 22:0 (gm) over food records	
AVE66	AVERAGE LACTOSE (gm)	Mean Lactose (gm) over food records	
AVE67	AVERAGE GALACTOSE (gm)	Mean Galactose (gm) over food records	
AVE68	AVERAGE GLUCOSE (gm)	Mean Glucose (gm) over food records	
AVE69	AVERAGE FRUCTOSE (gm)	Mean Fructose (gm) over food records	
AVE70	AVERAGE ASPARTAME (mg)	Mean Aspartame (mg) over food records	
AVE71	AVERAGE SACCARINE (mg)	Mean Saccharine (mg) over food records	
AVE72	AVERAGE ASH (gm)	Mean Ash (gm) over food records	
AVE73	AVERAGE WATER (gm)	Mean Water (gm) over food records	
AVE74	AVERAGE TRYPTOPHAN (gm)	Mean Tryptophan (gm) over food records	
AVE75	AVERAGE THREONINE (gm)	Mean Threonine (gm) over food records	
AVE76	AVERAGE ISOLEUCINE (gm)	Mean Isoleucine (gm) over food records	
AVE77	AVERAGE LEUCINE (gm)	Mean Leucine (gm) over food records	
AVE78	AVERAGE LYSINE (gm)	Mean Lysine (gm) over food records	
AVE79	AVERAGE METHIONINE (gm)	Mean Methionine (gm) over food records	
AVE80	AVERAGE CYSTINE (gm)	Mean Cystine (gm) over food records	
AVE81	AVERAGE PHENYLALANINE (gm)	Mean Phenylalanine (gm) over food records	
AVE82	AVERAGE TYROSINE (gm)	Mean Tyrosine (gm) over food records	
AVE83	AVERAGE VALINE (gm)	Mean Valine (gm) over food records	

## Main

NAME	LABEL	FORM # or Definitions	ITEM #
AVE84	AVERAGE ARGININE (gm)	Mean Arginine (gm) over food records	
AVE85	AVERAGE HISTIDINE (gm)	Mean Histidine (gm) over food records	
AVE86	AVERAGE ALANINE (gm)	Mean Alanine (gm) over food records	
AVE87	AVERAGE ASPARTIC ACID (gm)	Mean Aspartic Acid (gm) over food records	
AVE88	AVERAGE GLUTAMIC ACID (gm)	Mean Glutamic Acid (gm) over food records	
AVE89	AVERAGE GLYCINE (gm)	Mean Glycine (gm) over food records	
AVE90	AVERAGE PROLINE (gm)	Mean Proline (gm) over food records	
AVE91	AVERAGE SERINE (gm)	Mean Serine (gm) over food records	
AVE92	AVERAGE ANIMAL PROTEIN (gm)	Mean Animal Protein (gm) over food records	
AVE93	AVERAGE VEGETABLE PROTEIN (gm)	Mean Vegetable Protein (gm) over food records	
AVE2GM	AVERAGE PROTEIN (gm)	Mean Protein (gm) over food records	
AVE3GM	AVERAGE TOTAL FAT (gm)	Mean Total Fat (gm) over food records	
AVE4GM	AVERAGE TOTAL CARBOHYDRATE (gm)	Mean Total Carbohydrates (gm) over food records	
AVE7GM	AVERAGE SATURATED FATS (gm)	Mean Cholesterol (mg) over food records	
AVE8GM	AVERAGE MONO FATS (gm)	Mean Saturated Fat (gm) over food records	
AVE9GM	AVERAGE POLY FATS (gm)	Mean Monosaturated Fat (gm) over food records	
AVE6GM	AVERAGE CHOLESTEROL (mg)	Mean Polyunsaturated Fat (gm) over food records	
<b>HEALTH HISTORY</b>			
AGE_AT_MENARCHE	AGE AT FIRST MENSES	Calculated, Date of 1st menses minus date of birth	
ALCOH	DRINK ALCOHOL	Form 08	5
BCLMO	BIRTH CONTROL LAST MONTH	Form 68 Rev 2	12B
BCMNLMO	BIRTH CONTROL MEDS NOW OR LAST MONTH	Form 68 Rev 3	12
BCN4MO	BIRTH CONTROL NOW OR PAST 4 MONTHS	Form 68 Rev 2	12A
BCN4MOCH	BIRTH CONTROL PAST 4 MONTHS CHILD	Form 29	20A
BCNLMOCH	BIRTH CONTROL LAST MONTH CHILD	Form 67	9
CANCER	CANCER/SERIOUS DISEASE	Form 15	3.1.
GAINLOSE	GAIN/LOSE 7 LBS	Form 15	4
HOSPTLZD	HOSPITALIZED	Form 15	5
HPOTHYRD	HYPOTHYROID	Form 15	3A
IRON12	THERAPY IRON 12 MONTHS	Form 15	7J
MENARCHE	REACHED MENARCHE?	Form 29	16A
OPERATNS	OPERATIONS	Form 15	5B
OTHMED12	OTHER MEDS IN PAST 12 MONTHS	Form 15	7K
OTHRMEDS	OTHER MEDS CURRENTLY	Form 15	6K
RETIN12	RETINOIDS IN PAST 12 MONTHS	Form 15	7F
RETNOIDS	RETINOIDS CURRENTLY	Form 15	6F
RITAL12	RITALIN IN PAST 12 MONTHS	Form 15	7A
RITALIN	RITALIN CURRENTLY	Form 15	6A
SEIZMEDS	OTHER SEIZURE MEDS CURRENTLY	Form 15	6D
SEZMED12	OTHER SEIZURE MEDS IN PAST 12 MONTHS	Form 15	7D
SMOKE	SMOKED PAST YEAR	Form 08	4
STER12	STEROIDS IN PAST 12 MONTHS	Form 15	7G
STEROIDS	STEROIDS CURRENTLY	Form 15	6G
THYROD12	THYROID IN PAST 12 MONTHS	Form 15	7.1.

## Main

NAME	LABEL	FORM # or Definitions	ITEM #
THYROID	THYROID CURRENTLY	Form 15	6.I.
VITAMINS	VITAMINS/MINERAL	Form 15	9
<b>PHYSICAL ACTIVITY</b>			
ACTIVE	AMT OF ACTIVITY	Form 13	2
COD0END	TIME - HRS/DAY, WEEKEND SLEEP	Form 13	9A
COD0WK	TIME - HRS/DAY, WEEK DAYS SLEEP	Form 13	9A
COD1END	TIME - HRS/DAY, WEEKEND SEDENTARY	Form 13	9B
COD1WK	TIME - HRS/DAY, WEEK DAYS SEDENTARY	Form 13	9B
COD2END	TIME - HRS/DAY, WEEKEND LIGHT ACTIVITY	Form 13	9C
COD2WK	TIME - HRS/DAY, WEEK DAYS LIGHT ACTIVITY	Form 13	9C
COD3END	TIME - HRS/DAY, WEEKEND MODERATE ACTIVITY	Form 13	9D
COD3WK	TIME - HRS/DAY, WEEK DAYS MODERATE ACTIVITY	Form 13	9D
COD4END	TIME - HRS/DAY, WEEKEND INTENSE ACTIVITY	Form 13	9E
COD4WK	TIME - HRS/DAY, WEEK DAYS INTENSE ACTIVITY	Form 13	9E

## PARENT

NAME	LABEL	FORM # or Definitions	ITEM #
FAGE	FEMALE AGE	Form 07	8A
FALCOH	NUMBER DYS/WK DRINK	Form 07	8J
FAMTDR	NUMBER DRINKS/DAY	Form 07	8K
FBYPASS	BYPASS SURGERY	Form 07	3B
FCURSM	CURRENTLY SMOKES	Form 07	8.I.3
FDIAB	HIGH BLOOD SUGAR	Form 07	3E
FEMALE	FEMALE AT HOME	Form 07	7
FFULL	FULL TIME EMPLOYMENT	Form 07	8E1
FGRADE	HIGHEST GRADE	Lower 3 Recoded to <H.S. on Form 07	8D
FHIBP	HYPERTENSION	Form 07	3C
FHIGH	HIGH CHOLESTEROL	Form 07	3D
FHRT	HEART ATTACKS	Form 07	3A
FHT_FLAG	INDICATES FEMALE HEIGHT IS WINSORIZED		
FKPHSE	KEEPING HOUSE	Form 07	8E5
FLIVE	AGE IF MOTHER ALIVE	Form 07	9A
FMARRIED	FEMALE MARRIAGE STATUS	Recoded FMARRY on Form 07: Married, Divorced, Other	8C
FNOTWORK	FEMALE NOT WORKING	Recoded from FNEVWRK, FOUTWRK, FRETIRE on Form 07	8E8
FPART	PART TIME EMPLOYMENT	Form 07	8E2
FRACE	RACIAL/ETHNIC GROUP	Form 07	8G
FRELAT	RELATION TO CHILD	Recoded to Biological Mother, Other on Form 07	8B
FSCHOOL	FEMALE IN SCHOOL	Recoded from FSCFUL, FSCPRT on Form 07	8E6
FSMK	EVER SMOKED	Form 07	8I
FWRK5YR	WORKED LAST 5 YEARS	Form 07	8F
FWT_FLAG	INDICATES FEMALE WEIGHT IS WINSORIZED		
HTFT1	FEMALE HEIGHT, FEET	Form 01 rev 1 (if 0, then winsorized)	8A
HTFT2	MALE HEIGHT, FEET	Form 01 rev 1 (if 0, then winsorized)	9A
HTIN1	FEMALE HEIGHT, INCHES	Form 01 rev 1 (if 59 or 71, then winsorized)	8A
HTIN2	MALE HEIGHT, INCHES	Form 01 rev 1 (if 65 or 77, then winsorized)	9A
MAGE	MALE AGE	Form 07	11A
MALCOH	NUMBER DYS/WK DRINK	Form 07	11J
MALE	MALE AT HOME	Form 07	10
MAMTDR	NUMBER DRINKS/DAY	Form 07	11K
MBYPASS	BYPASS SURGERY	Form 07	4B
MCURSM	CURRENTLY SMOKES	Form 07	11.I.3
MDIAB	HIGH BLOOD SUGAR	Form 07	4E
MFULL	FULL TIME EMPLOYMENT	Form 07	11E1
MGRADE	HIGHEST GRADE	Lower 3 Recoded to <H.S. on Form 07	11D
MHIBP	HYPERTENSION	Form 07	4C
MHIGH	HIGH CHOLESTEROL	Form 07	4D
MHRT	HEART ATTACKS	Form 07	4A
MHT_FLAG	INDICATES MALE HEIGHT IS WINSORIZED		
MKPHSE	KEEPING HOUSE	Form 07	11E5
MLIVE	AGE IF FATHER ALIVE	Form 07	12A
MMARRIED	MALE MARITAL STATUS	Recoded MMARRY on Form 07: Married, Divorced, Other	11C
MNOTWORK	MALE NOT WORKING	Recoded from MNEVWRK, MOUTWRK, MRETIRE on Form 07	11E8
MPART	PART TIME EMPLOYMENT	Form 07	11E2
MRACE	RACIAL/ETHNIC GROUP	Form 07	11G
MRELAT	RELATION TO CHILD	Recoded to Biological Father, Other on Form 07	8B
MSCHOOL	MALE IN SCHOOL	Recoded from MSCFUL, MSCPRT on Form 07	8E6
MSMK	EVER SMOKED	Form 07	11H
MWRK5YR	WORKED LAST 5 YEARS	Form 07	11F
MWT_FLAG	INDICATES MALE WEIGHT IS WINSORIZED		
NEWID	PUBLIC ACCESS ID		
WTLB1	FEMALE WEIGHT, LBS	Form 01 rev 1 (if 104 or 221, then winsorized)	8B
WTLB2	MALE WEIGHT, LBS	Form 01 rev 1 (if 139 or 251, then winsorized)	9B

**MONTHLY**

NAME	LABEL	FORM # or Definitions	ITEM #
CHILD_CONTACT	TYPE OF CHILD CONTACT	Form 53	C
COHORT	COHORT	Form 53	Header
NEWID	PUBLIC ACCESS ID		
PARENT_CONTACT	TYPE OF PARENT CONTACT	Form 53	E
SESSION	SESSION OR CONTACT NUMBER	Form 53	Header

**Group**

NAME	LABEL	FORM # or Definitions	ITEM #
CHILD	ATTENDANCE OF CHILD	Form 43	C
DAD	ATTENDANCE OF FATHER	Form 43	E
GROUP	GROUP	Form 43	Header
MOM	ATTENDANCE OF MOTHER	Form 43	D
NEWID	PUBLIC ACCESS ID		
OTH	ATTENDANCE OF OTHER	Form 43	H
PREP	ATTENDANCE OF OTHER FOOD PREPARER	Form 43	F
SESSION	SESSION NUMBER	Form 43	Header
SIB	ATTENDANCE OF SIBLING	Form 43	G
TIME_ON_STUDY	TIME ON STUDY AT SESSION	CALCULATED	
TOT	TOTAL NUMBER IN ATTENDANCE	Form 43	I

**Lab**

NAME	LABEL	FORM # or Definitions	ITEM #
ALPH	ALPHA CAROTENE (mcg/ml)	CDC LAB VALUE	
BETA	BETA CAROTENE (mcg/ml)	CDC LAB VALUE	
COPP	SERUM COPPER (mcg/ml)	CDC LAB VALUE	
CRYP	CRYPTOXANTIN (mcg/ml)	CDC LAB VALUE	
FERR	SERUM FERRITIN (ng/ml)	CDC LAB VALUE	
HCT	HEMATOCRIT (%)	CDC LAB VALUE	
LUZE	LUTEIN/ZEAXANTHIN (mcg/ml)	CDC LAB VALUE	
LYCO	LYCOPENE (mcg/ml)	CDC LAB VALUE	
NEWID	PUBLIC ACCESS ID		
RBCF	RED CELL FOLATE (ng/ml)	CDC LAB VALUE	
VISNUM	VISIT (in months)	CDC LAB VALUE	
VITA	VITAMIN A (mcg/ml)	CDC LAB VALUE	
VITE	VITAMIN E (mcg/ml)	CDC LAB VALUE	
ZINC	SERUM ZINC (mcg/ml)	CDC LAB VALUE	

## Food

NAME	LABEL	FORM # or Definitions	ITEM #
AMOUNT	AMOUNT OF FOOD		
COOKSALT	COOKED WITH SALT		
FATCODE	FAT CODE		
FOODCODE	NCC FOOD CODE		
FOODGRP	NCC FOOD CODE		
FOODNAME	FOOD NAME		
NEWID	PUBLIC ACCESS ID		
PREPCODE	PREPARATION CODE		
RECALL	RECALL DAY		
TABSALT	TABLE SALT		
TIME	TIME OF DAY FOOD EATEN		
TOT1	TOTAL CALORIES (kcal)		
TOT2	PROTEIN (gm)		
TOT3	TOTAL FATS (gm)		
TOT4	TOTAL CARBOHYDRATES (gm)		
TOT5	ALCOHOL (gm)		
TOT6	CHOLESTEROL (mg)		
TOT7	SATURATED FATS (gm)		
TOT8	MONOSATURATED FATS (gm)		
TOT9	POLYUNSATURATED FATS (gm)		
TOT10	OLEIC ACID (gm)		
TOT11	LINOLEIC ACID (gm)		
TOT12	LINOLENIC ACID (gm)		
TOT13	SUCROSE (gm)		
TOT14	STARCH (gm)		
TOT15	DIETARY FIBER (gm)		
TOT16	WATER SOLUABLE DIETARY FIBER (gm)		
TOT17	WATER INSOLUABLE DIETARY FIBER (gm)		
TOT18	PECTINS (gm)		
TOT19	CAFFEINE (mg)		
TOT20	VITAMIN A (IU)		
TOT21	BETA-CAROTENE (mcg)		
TOT22	RETINOL (mcg)		
TOT23	ALPHA-TOC EQUIV. (mg)		
TOT24	VITAMIN D (mcg)		
TOT25	VITAMIN C (mg)		
TOT26	THIAMIN (mg)		
TOT27	RIBOFLAVIN (mg)		
TOT28	NIACIN (mg)		
TOT29	FOLIC ACID (mcg)		
TOT30	VITAMIN B6 (mg)		
TOT31	VITAMIN B12 (mcg)		
TOT32	PANTOTHENIC ACID (mg)		
TOT33	CALCIUM (mg)		

## Food

TOT34	IRON (mg)		
TOT35	MAGNESIUM (mg)		
TOT36	PHOSPHOROUS (mg)		
TOT37	TOTAL SODIUM (mg)		
TOT38	TOTAL POTASSIUM (mg)		
TOT39	COPPER (mg)		
TOT40	ZINC (mg)		
TOT41	SELENIUM (mcg)		
TOT42	ALPHA-TOCOPHEROL (mg)		
TOT43	BETA-TOCOPHEROL (mg)		
TOT44	GAMMA-TOCOPHEROL (mg)		
TOT45	DELTA-TOCOPHEROL (mg)		
TOT46	PFA 18:4 (gm)		
TOT47	PFA 20:4 (gm)		
TOT48	PFA 20:5 (gm)		
TOT49	PFA 22:5 (gm)		
TOT50	PFA 22:6 (gm)		
TOT51	MFA 14:1 (gm)		
TOT52	MFA 16:1 (gm)		
TOT53	MFA 20:1 (gm)		
TOT54	MFA 22:1 (gm)		
TOT55	SFA 4:0 (gm)		
TOT56	SFA 6:0 (gm)		
TOT57	SFA 8:0 (gm)		
TOT58	SFA 10:0 (gm)		
TOT59	SFA 12:0 (gm)		
TOT60	SFA 14:0 (gm)		
TOT61	SFA 16:0 (gm)		
TOT62	SFA 17:0 (gm)		
TOT63	SFA 18:0 (gm)		
TOT64	SFA 20:0 (gm)		
TOT65	SFA 22:0 (gm)		
TOT66	LACTOSE (gm)		
TOT67	GALACTOSE (gm)		
TOT68	GLUCOSE (gm)		
TOT69	FRUCTOSE (gm)		
TOT70	ASPARTAME (mg)		
TOT71	SACCHARIN (mg)		
TOT72	ASH (gm)		
TOT73	WATER (gm)		
TOT74	TRYPTOPHAN (gm)		
TOT75	THREONINE (gm)		
TOT76	ISOLEUCINE (gm)		
TOT77	LEUCINE (gm)		
TOT78	LYSINE (gm)		
TOT79	METHIONINE (gm)		

**Food**

TOT80	CYSTINE (gm)		
TOT81	PHENYLALANINE (gm)		
TOT82	TYROSINE (gm)		
TOT83	VALINE (gm)		
TOT84	ARGININE (gm)		
TOT85	HISTIDINE (gm)		
TOT86	ALANINE (gm)		
TOT87	ASPARTIC ACID (gm)		
TOT88	GLUTAMIC ACID (gm)		
TOT89	GLYCINE (gm)		
TOT90	PROLINE (gm)		
TOT91	SERINE (gm)		
TOT92	ANIMAL PROTEIN (gm)		
TOT93	VEGETABLE PROTEIN (gm)		
TOT94	PCT CALORIES FROM PROTEIN		
TOT95	PCT CALORIES FROM FAT		
TOT96	PCT CALORIES FROM CARBOHYDRATES		
TOT97	PCT CALORIES FROM ALCOHOL		
TOT98	P:S RATIO		
UNIT	UNIT OF MEASURE FOR FOOD		
VISNUM	VISIT (IN MONTHS)		